



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## DIVISION OF OIL GAS & MINING FIELD VISIT FORM TECHNICAL

**Date :** June 30, 1999

**Time:** 1:00 p.m. to 4:00 p.m.

**Mine:** Gordon Creek 2, 7 and 8 Mine #2

**File Number:** ACT/007/016

**DOGM Staff:** David Darby

**Other Attendees:** Dan Guy, Blackhawk Engineering

### Purpose:

Subsidence evaluation for full relinquishment of Federal Coal Lease U-8319. Partial relinquishment of Federal Coal Lease U-8319 was issued on April 10, 1987 by the Bureau of Land Management (BLM) and effective on February 26, 1987. Lot 4 in T. 13 S., R. 8 E. Section 18 was retained by the applicant to maintain access and ensure environmental stability. The Lot encompasses 42.99 acres near the reclaimed #7 and #8 Mine portals.

### Observations:

I met Dan Guy, Blackhawk Engineering, at the minesite. Dan and I hiked onto the minesite to check areas above the #7 and #8 Mines for potential subsidence. Public access onto the area is limited, because of locked gates and no trespass signs. We hiked some of the slopes above and adjacent to the #7 and #8 Mines. No fractures or slumps were observed.

Cut slopes created during development of the #7 and #8 Portals have been backfilled, regraded and revegetated. Although an escarpment has been left at the #7 Mine, it conforms to the terms outlined for reclamation feasibility with the Office of Surface Mining and Reclamation. No escarpment exists at the #8 portal site.

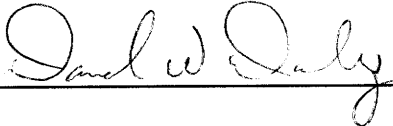
Dan had conducted a subsidence survey for Mountain Coal Company, on November 15, 1998. Data from the survey was submitted in the annual report. It was received at the Division on April 1, 1999. According to the information presented in the annual report, the area was walked by the Blackhawk Engineering survey crew between all subsidence stations. They reported no recent visible movement, cracks or other subsidence effects.

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Subsidence monitoring and areas of subsidence are identified on Plates 3-4 and 3-5 of the 1998 Annual Report. It appears that subsidence took place prior to 1997 above the workings of the #7 and #8 Mines. Subsided areas are not in the retained Lease (U-8319) and adverse surface impacts have not occurred.

**Recommendations/Conclusions:**

The lease area does not appear affected by subsidence fracture or slump conditions as a result of mining. I recommended that the Division supports the lease relinquishment by the Bureau of Land Management.

Signature:  on July 6, 1999

cc. P. Grubaugh-Littig  
D. Haddock  
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